CERTIFICATE OF TRANSLATION

As a below named translator, I hereby declare that my residence and citizenship are as stated below next to my name and I hereby certify that I am conversant with both the English and Korean languages and the document enclosed herewith is a true English translation of the Invention Disclosure with respect to the Korean patent application No. 2003-4309 filed on January 22, 2003.

NAME OF THE TRANSLATOR : Eun-Ae LEE

SIGNATURE : Eun-Ae LEE

Date : November 16, 2006

RESIDENCE : MIHWA BLDG., 110-2, MYONGRYUN-DONG 4-GA, CHONGRO-GU, SEOUL 110-524, KOREA

CITIZENSHIP : REPUBLIC OF KOREA

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♦ Invention disclosure

<<Rights, which can be registered with respect to the present invention relating to the jobs of employees, are granted to an employees' corporation under the regulation of articles 39 and 40 of the patent law >>.

■ The present employee invention is received to the intellectual property team of the telecommunication institute (Suwon city and Gumi city).

■ Title of the present invention : "BAR-TYPE CELLULAR PHONE USING POP UP MODULE"

■ Evaluation of technical contents

Items	Evaluated Contents					
Type of Invention	● individual invention ○ industry-university cooperation ○ outside development ○ corporative development					
Contract Management	[Contract Attachment] The name of File / The description of File [inscription of a property right and description about compensation problems]					
Disclosed Particulars	Due date of disclosure	2002/05/01	Disclosed country and organization	U.S./ Multination	Disclosure type	Releasing a new film

■ Identification of inventors

Inventor's name	Inventor's Resident Number	Representative	Inventor's address
JUNG Sang Hyuck	731115-*******	representative	108-501, Sinchangmisyeonhil, 817, Byeongjeom-ri, Taean-eup, Hwaseong-si, Gyeonggi-do, Republic of Korea

■ File of employee invention report

Name of File	Description of File
Patent2002. gul	A bar-type cellular phone using a pop-up module

■ Judgment of invention grade

Subjects of Judgment		Date of Judgment	Grade	Opinion
Inventor	JUNG Sang Hyuck	2002/10/10	A	A cellular phone of a different concept from the existing cellular phones

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Chief of inventor	SONG Hyeon Myeong	2002/10/10/	A	Model being developed in strategy for use in Marketing
Patent Team		2002/10/19	A	
Evaluation committee		2002/10/25	A	.

▩ Dates regarding employee invention

Date of Inventor Report	2002/10/10	Approval Date of Team Leader	2002/10/10	Receipt Date of Patent Team	2002/10/11

▩ Receipt number of employee invention : GK-200210-035-1

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METHOD FOR FORWARDING MESSAGE IN BLUETOOTH CDMA PHONE TO BLUETOOTH TERMINALS

1. BACKGROUND OF THE INVENTION

a) Field of the Invention

The present invention relates to a method for forwarding and receiving a message, which is received in a terminal, and an individually written message between Bluetooth terminals in the conventional mobile communication service, and more particularly to share of information received from the conventional mobile communication system through an information network.

b) Description of the Related Art & Problems thereof

Although Bluetooth functions enable message transmission for information share from a master to a slave, the Bluetooth functions have neither a retransmission function nor an editing function of an SMS message received by a typical mobile phone, that is, a terminal having benefited the conventional mobile communication service . Accordingly, a technique for forwarding all pieces of information belonging to the terminal is required.

c) Solution to the Problems of the Prior Art & Object of the Present Invention

-. Problems of the Prior Art

Although Bluetooth terminals can transmit files and broadcasting messages therebetween, the Bluetooth terminals cannot actually edit and forward messages received from a mobile communication server and share information with the mobile communication server. In other words, it is difficult to construct an information network.

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-Object of the present invention

The object of the present invention is to share information between a MASTER and a SLAVE making communication based on a Blueetooth protocol.

Another object of the present invention is to construct an information network based on Bluetooth.

2. DETAILED DESCRIPTION OF THE INVENTION

a) Construction of the Present Invention

According to the present invention, a master is constructed in such a manner that the master can receive a service of the conventional mobile communication system and Internet information service on a network including the master (which is a Bluetooth terminal) and a plurality of slaves (which are a plurality of Bluetooth terminals). In this case, the master includes an LCD for displaying data and keys, which are included in an input device.

b) Operation of the Present Invention

The present invention suggests a technique in which a message received in a master is edited into desired information and inserted so as to be transmitted to a slave terminal at a time point desired by a user. To this end, the master operates through an algorithm in which a central process unit processes data stored in a memory of the master, displays the data on an LCD, modifies the data, and forwards the data. Functions based on the algorithm are classified into a retransmission function of a message received in a mobile communication system, a function of delivering an individual tag, and a function of writing a self-message.

c) Effect of the Present Invention

It is possible to share information with a lower-level terminal and a mobile communication system and effectively and quickly forward information to the lower-level terminal and the mobile communication system.

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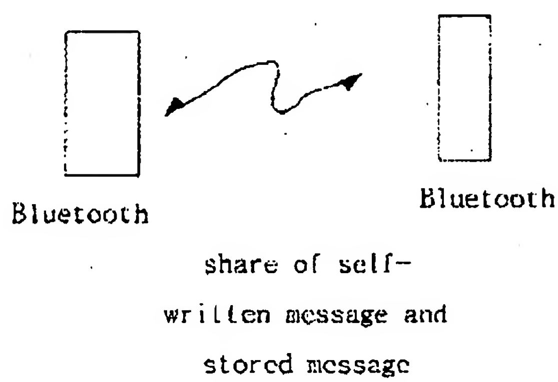
3. CLAIMS

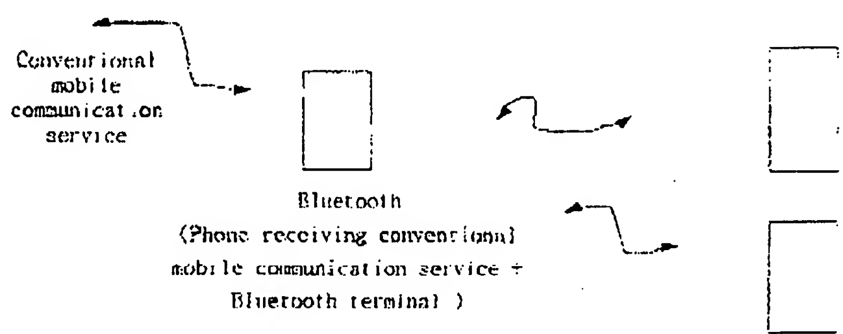
[1] A method for forwarding information to a lower-level terminal by converting an individually written message and a message received from a service provider, who are providing a service, to Bluetooth protocol messages in a Bluetooth network

4. DRAWINGS

A. PRIOR ART DRAWINGS



B. DRAWINGS OF THE PRESENT INVENTION



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